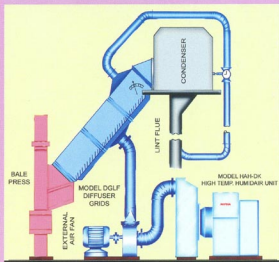


SYSTEM FEATURES

- Compact packing-type high temperature Humidifier for generation of hot air saturated with water vapour and free water droplets in liquid phase.
- Unit burns kerosene or light diesel oil fuel, but may be adopted to use fuel oil and or gas with minor modifications
- Adjustable gap Stainless Steel Diffuser Grids
- Moisture Meter probes moisture content in cotton for humidity control at Humid-Air Unit.
- Supplied with Lint Flue Scanner to cut-off humid air supply, when there is no cotton coming from the Condenser
- Humid air recirculation improves process economy.

NIPHA manufactures the complete range of ginnery equipment including Roller Gins & Saw Gins, Pre-cleaning and Post -cleaning systems, Drying and Humidification, Pneumatic and Mechanical Handling of seed-cotton, cotton seed and cotton lint, Bale Presses, Bale Bagging and Weighing Lines and Trash Disposal systems.

HUMIDIFICATION OF COTTON LINT AT LINT SLIDE WITH HUMIDAIR UNIT MODEL HAH-DK AND DIFFUSER GRID MODEL DGLS



ADVANTAGES

- ★ Increased bale weight by restoration of moisture content in lint up to 8% and more money due to increased weight of lint
- ★ Feasibility of producing higher density bales within limitations of tonnage capacity of Bale Press and consequent savings in transportation cost.
- ★ Upgradation of lint due to increased virtual length of fibre staple resulting in premium in prices.
- ★ Savings in power cost due to lower pressing load in Baling.
- ★ Elimination of Pala House storage of lint before baling thereby avoiding the capital cost of building Pala Houses and double handling of lint. With NIPHA Humidair Unit it is possible to directly suck the ginned cotton lint to Battery Condenser for bat formation followed by immediate production of bales.